

DESCRIPTION

Species Reactivity	Human
Specificity	Detects endogenous human and mouse IκB-ε in Western blots.
Source	Monoclonal Mouse IgG _{2B} Clone # 418515
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human IκB-ε Ser64-Asp423 Accession # Q96F31
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

NFκB inhibitor epsilon (IκBε) inhibits the NFκB complex by binding and sequestering it in the cytoplasm. Upon stimulation, IκBε is phosphorylated on serine residues marking it for degradation by the ubiquitin pathway. Following IκBε degradation, the NFκB complex is able to translocate to the nucleus and activate transcription.

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